



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/economy

American Buildings Company
1150 State Docks Road
Eufaula, AL 36027

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER- Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: "L3P24 " 0.024" (min.) Galvanized Steel Wall Panel

APPROVAL DOCUMENT: Drawing No. MD-L3PWall, titled " Long Span III Wall Panel " sheets 1 through 3 of 3, last revision #1 dated July 11, 2014, prepared by Jeffrey C. Walsh, P.E., signed and sealed by Jeffrey C. Walsh, P.E. on July 11, 2014, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each panel shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises & renews NOA # 08-0827.22 and consists of this page 1, evidence submitted pages E-1 & E-2 as well as approval document mentioned above.

The submitted documentation was reviewed by Helmy A. Makar, P.E., M.S.



Helmy A. Makar
08/07/2014

NOA No. 14-0220.06
Expiration Date: 02/19/2019
Approval Date: 08/07/2014
Page 1

American Buildings Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 03-0530.05

A. DRAWINGS

1. Drawing No. L3P-Wall, titled " Long Span III Wall Panel Basic Erection ", sheets 1 through 3 of 3, prepared by Jeffrey C. Walsh, P.E.; last revised on January 13, 2004, signed and sealed by Jeffrey C. Walsh, P.E. on January 14, 2004.

B. TESTS

1. Test report on: 1) Large Missile Impact Test; 2) Cyclic Wind Pressure, prepared by Hurricane Test Laboratory, Inc., Test Report No. 0207-0924-02, dated March 21, 2003, signed and sealed by Vinu J. Abraham, P.E.
2. Test report on: 1) Large Missile Impact Test; 2) Static Air Pressure Test; 3) Cyclic Wind Pressure, prepared by Hurricane Test Laboratory, Inc., Test Report No. 0207-0620-02, dated March 21, 2003, signed and sealed by Vinu J. Abraham, P.E.
3. Test report on: 1) Large Missile Impact Test; 2) Cyclic Wind Pressure, prepared by Hurricane Test Laboratory, Inc., Test Report No. 0207-0812-02, dated March 21, 2003, signed and sealed by Vinu J. Abraham, P.E.

C. CALCULATIONS

1. Calculations titled "Wall Panel Calculations", dated April 21, 2003, pages 1 through 7 of 7, prepared by Jeffrey C. Walsh, P.E., signed and sealed by Jeffrey C. Walsh, P.E. on April 21, 2003.

D. QUALITY ASSURANCE

1. By Miami-Dade County Building Code Compliance Office.

E. MATERIAL CERTIFICATIONS

1. Tensile Test Report No. 2HM-1001, prepared by QC Metallurgical, Inc., dated September 25, 2002, signed and sealed by Frank Grate, P.E.

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #08-0827.22

A. DRAWINGS

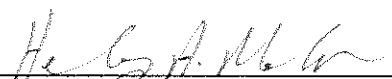
1. None.

B. TESTS

1. None.

C. CALCULATIONS

1. None.



Helmy A. Makar, P.E., M.S.
Product Control Unit Supervisor
NOA No. 14-0220.06
Expiration Date: 02/19/2019
Approval Date: 08/07/2014

American Buildings Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATIONS

1. *None.*

3. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. MD-L3PWall, titled " Long Span III Wall Panel " sheets 1 through 3 of 3, last revision #1 dated July 11, 2014, prepared by Jeffrey C. Walsh, P.E., signed and sealed by Jeffrey C. Walsh, P.E. on July 11, 2014.*

B. TESTS

1. *Test report on: 1) Large Missile Impact Test; 2) Static Air Pressure Test; 3) Cyclic Wind Pressure, prepared by Farabaugh Engineering and Testing, Inc., Test Report No. T306-13, dated July 10, 2014, signed and sealed by Daniel G. Farabaugh, P.E.*

C. CALCULATIONS

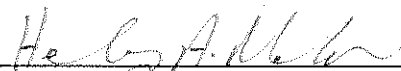
1. *Calculations titled "Wall Panel Calculations", dated February 06, 2014, pages 1 through 8 of 8, prepared by Jeffrey C. Walsh, P.E., signed and sealed by Jeffrey C. Walsh, P.E. on February 06, 2014.*

D. QUALITY ASSURANCE

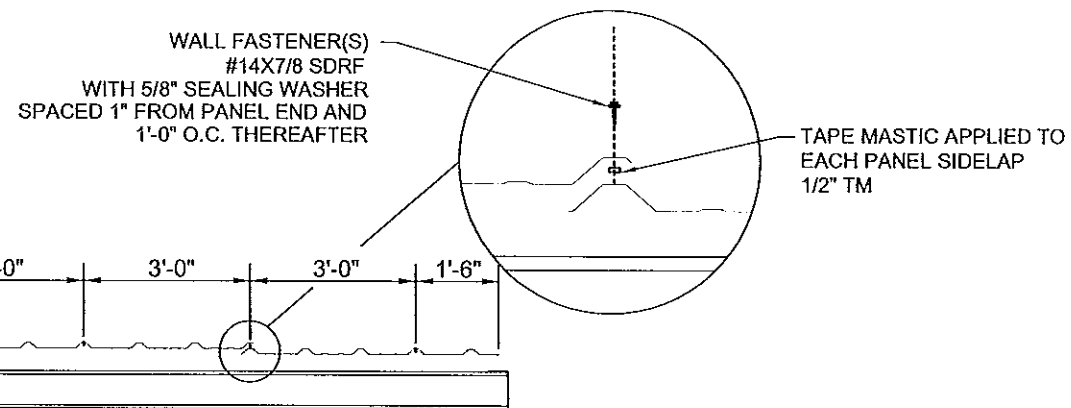
1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

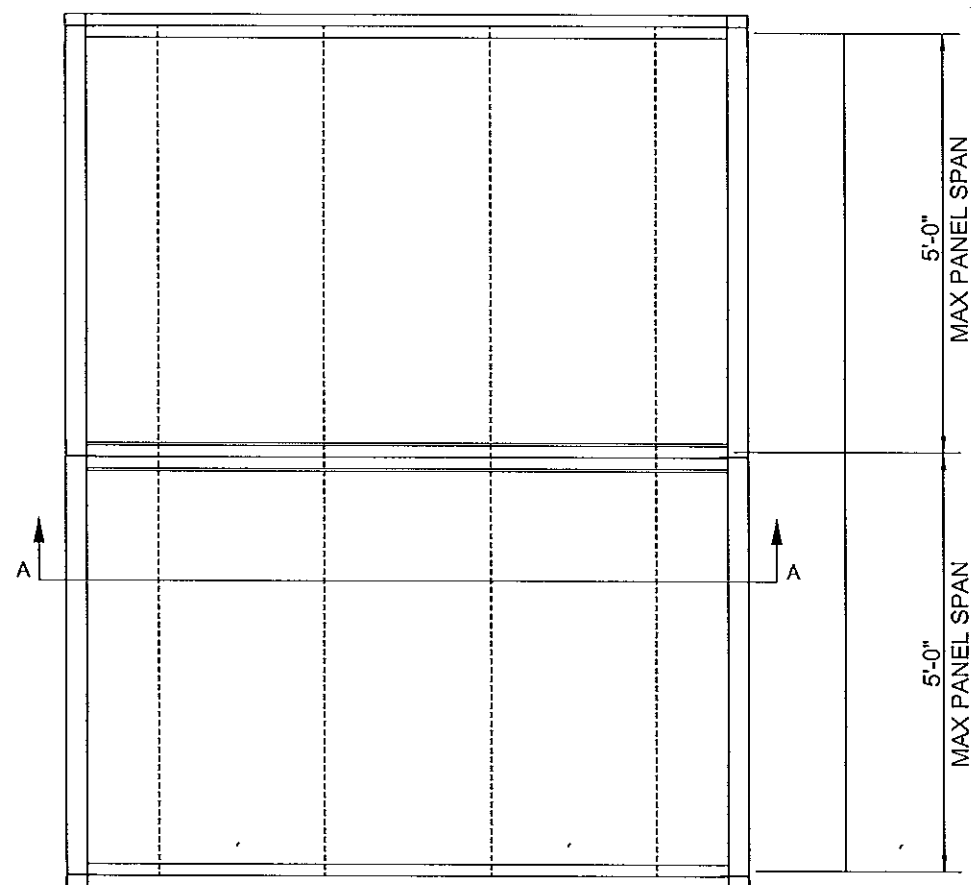
1. *Tensile Test Report No. T306-13, prepared by Farabaugh Engineering and Testing, Inc., dated July 10, 2014, signed and sealed by Daniel G. Farabaugh, P.E.*



Helmy A. Makar, P.E., M.S.
Product Control Unit Supervisor
NOA No. 14-0220.06
Expiration Date: 02/19/2019
Approval Date: 08/07/2014



SECTION A-A



EACH PANEL AT THE EDGE OF THE
WALL SHALL BE ATTACHED TO THE
STEEL FRAME BY WALL FASTENER
#12X1 1/4" SDRF
WITH 5/8" SEALING WASHER
ALONG EXTERIOR SIDE OF PANEL- 6" O.C.

SEE WC05/AB-MD
SHEET 2 OF 3

PANEL ATTACHED AT 5'-0" O.C.
ATTACHED WITH WALL FASTENER
#12X1 1/4" SDRF
WITH 5/8" SEALING WASHER
1'-0" O.C.

TAPE MASTIC
1/2" TM

L3P INSIDE CLOSURE
AOLI

APPLY WALL STITCH FASTENERS TO
EACH PANEL SIDELAP WITH WALL FASTENERS
#14X 7/8 SDRF
WITH 5/8" SEALING WASHER
1'-0" O.C.

TAPE MASTIC
1/2" TM

L3P INSIDE CLOSURE
AOLI

1/2 MASTIC
APPLIED AT PANEL SIDELAPS

Jeffrey C. Walsh
7/11/14

ENGINEER'S NAME:	NO.	REVISIONS	MADE	CHK'D	DATE	SCALE:	NONE	DATE
JEFFREY C. WALSH	1	REVISED WALL FASTENERS PER REVIEW	THG	JCW	7.11.14	DRAWN BY:	THG	10-16-13
ENGINEER'S STATE REGISTRATION NO.:						CHK'D BY:	JCW	10-16-13
41467								

LAB TEST SETUP
LONG SPAN III WALL

EUFULA	AMERICAN BUILDINGS	ALABAMA
DRAWING NUMBER	MD-L3PWALL	PAGE 1 of 3

PRODUCT REVIEWED
as complying with the Fla
Building Code
Acceptance No. 14-0220-06
Expiration Date 03/19/2019
By *Jeffrey C. Walsh*
Miami Design Product Control

WALL FASTENERS

DESCRIPTION
#12X1 1/4 SELF DRILLING CARBON STEEL HEX HEAD FASTENER WITHOUT WASHER
MARK NO. #12X1 1/4 SDRF

APPLICATION
CLIPS AT OVERHEAD DOORS, WALK DOORS, ETC.

DESCRIPTION
#12X1 1/4 SELF DRILLING COLOR MATCHING HEX HEAD FASTENER WITH 5/8" SEALING WASHER
MARK NO. #12X1 1/4 SDRF

APPLICATION
SHEET TO STRUCTURAL CONNECTIONS (BASE & GABLE ANGLE, G-RTS, EAVE STRUTS, ETC.)

DESCRIPTION
#14X7/8 SELF DRILLING COLOR MATCHING HEX HEAD FASTENER WITH 5/8" SEALING WASHER
MARK NO. #14X7/8 SDRF

APPLICATION
PANEL SIDELAP CONNECTIONS, FLASHING TO PANEL CONNECTIONS AND OTHER SHEET TO SHEET CONNECTIONS

NOTE: ALL HEX HEAD SIZES SHALL REQUIRE A 5/16" HEX SOCKET UNLESS NOTED.

BASIC PARTS AND PIECES

LONG SPAN III WALLS

WC61
AB-MD

DETAIL "A"

DETAIL "B"

LONG SPAN III PANEL

OVERLAPPING RIB (THIS RIB OVERLAPS PRECEDING PANEL)

OUTSIDE

BEARING LEG

BEARING LEG (BEARING LEG GIVES SUPPORT TO SIDELAP)

DETAIL "A"

DETAIL "B"

SIDELAP DETAIL

SAFETY PRECAUTION
DO NOT STEP ON RIB OF PANEL. ALWAYS STEP ON FLAT SURFACE.

SAFETY PRECAUTION
DO NOT STEP ON PANELS UNTIL FULLY SECURED WITH FASTENERS.

LONG SPAN III PANEL IDENTIFICATION MARK NUMBER

EXAMPLE
LSP 24 - 30.0
30'-0" IN LENGTH
24 GAGE
LONG SPAN III

EACH PANEL SHALL BE PERMANENTLY LABELED WITH MANUFACTURER'S NAME, LOGO AND MIAMI-DADE ACCEPTANCE NO.

ERECTION OF THE LONG SPAN PANEL REQUIRES THAT THE PROPER DIRECTION OF ITS APPLICATION BE MADE. THE DESIGN OF THE PANEL INCORPORATES A BEARING LEG INTO ITS LEADING EDGE WHICH PROVIDES SUPPORT FOR PROPER NESTING OF THE OVERLAPPING RIB OF THE NEXT PANEL. THE INSTALLATION OF THE PANELS (SHOWN AT LEFT) PROCEEDS FROM LEFT TO RIGHT. HOWEVER, UNLESS FIELD CIRCUMSTANCES DICTATE OTHERWISE, INSTALLATION OF PANELS CAN PROCEED FROM EITHER LEFT TO RIGHT OR RIGHT TO LEFT AS LONG AS THE OVERLAPPING RIB IS LAPPED OVER THE BEARING RIB.

PANEL MARKING AND SIDELAP DETAILS

LONG SPAN III

RC63
BB-MD

WALL FASTENER(S)
(TYP. AT SIDELAPS, SEE NOTE 2)
#14X7/8 SDRF
WITH 5/8" SEALING WASHER

WALL FASTENER(S)
(TYP. SEE NOTE 1)
#12X1 1/4 SDRF
WITH 5/8" SEALING WASHER

TAPE MASTIC
1/2 IN

LONGSPAN III PANEL (TYP.)

SECONDARY FRAMING
MAX SPAN 5'-0" O.C.
16 GA. MIN.

DETAIL "A"

NOTE:
1. WALL FASTENER(S) #12X1 1/4 SDRF WITH 5/8" SEALING WASHERS REQUIRED AT SIDELAP AND ENDWALL GIRTS, BASE ANGLE, EAVE STRUT AND GABLE ANGLE.
2. WALL FASTENER(S) #14X7/8 SDRF WITH 5/8" SEALING WASHER AS SHOWN REQD. ONLY AT PANEL SIDELAPS OR AT FLASHING LAPS AND FLASHING TO PANEL CONNECTIONS.

DETAIL "A"

FASTENER LAYOUT AT INTERMEDIATE GIRT

DETAIL "A"

FASTENER LAYOUT AT END GIRT

FASTENER LAYOUT

LONG SPAN III WALLS

WC05
AB-MD

PRIOR TO FASTENING, INSIDE CLOSURES ARE TO BE SANDWICHED BETWEEN THE STRUCTURAL SUPPORT FRAME AND THE WALL PANEL. OUTSIDE CLOSURES ARE TO BE SANDWICHED BETWEEN THE OUTSIDE CLOSURE FLASHING AND THE WALL PANEL.

APPROVED EAVE CONDITION

OUTSIDE CLOSURE LOAF

LONGSPAN III PANEL (TYP.)

OUTSIDE CLOSURE INSTALLATION AT EAVE

LONG SPAN III WALLS

EA37
AB-MD

UPPER PANEL

LOWER PANEL

WALL FASTENER(S)
#12X1 1/4 SDRF
WITH 5/8" SEALING WASHER
0'-6" O.C.

SECONDARY FRAMING
5'-0" MAX. SPAN
16 GA. MIN.

NOTE:
1/2" TAPE MASTIC IS APPLIED TO THE INSIDE OF THE OVERLAPPING PANEL RIBS PRIOR TO JOINING THE PANELS

WALL PANEL ENDLAP (AT GIRT)

LONG SPAN III WALLS

WC06
AB-MD

ERECTION NOTES:

1. ALL AREAS WHERE MASTIC IS TO BE APPLIED SHOULD BE WIPED CLEAN WITH A MILD DETERGENT OR AN ALL PURPOSE CLEANER BEFORE MASTIC APPLICATION. THIS WILL INSURE A GOOD SEALING SURFACE AND IMPROVE WEATHER TIGHTNESS.

2. THE BLANKET INSULATION MANUFACTURER RECOMMENDS THAT DOUBLE SIDED TAPE BE USED TO SECURE THE INSULATION TO THE EAVE. AMERICAN BUILDINGS COMPANY IS NOT RESPONSIBLE FOR THE INSTALLATION OR ATTACHMENT OF THE INSULATION. ADDITIONAL ATTACHMENTS (NOT BY ABC) MAY BE REQUIRED.

3. ALL EXPOSED FASTENERS SHOULD PENETRATE THE SEALANT FOR THE MOST WEATHER TIGHT CONNECTION IN ROOF AND WALL AREAS WHERE APPLICABLE.

4. WHEN FIELD CUTTING PANELS OR TRIM DO NOT USE ABRASIVE SAWS OR OTHER CUTTING METHODS WHICH PRODUCE HOT METAL PARTICLES OR BURN THE CUT EDGES. THESE METHODS WILL DAMAGE THE PAINTED AND GALVALUME FINISH AND VOID ANY WARRANTIES. USE DOUBLE CUT SHEARS, NIBBLERS OR OTHER CUTTING DEVICES WHICH DO NOT PRODUCE HOT METAL PARTICLES OR BURNED EDGES.

ERECTION NOTES

LONG SPAN III

RC91
BA-MD

THE MAXIMUM PANEL SPAN AND THE MAXIMUM DESIGN PRESSURE FOR THIS WALL PANEL SHALL BE BASED ON THE FOLLOWING PANEL ALLOWABLES:

MAXIMUM ALLOWABLE BENDING MOMENT (AT SUPPORTS) = 156.3 ft-lbs.

MAXIMUM ALLOWABLE BENDING MOMENT (BETWEEN SUPPORTS) = 87.5 ft-lbs.

MAXIMUM ALLOWABLE PANEL REACTION (AT SUPPORTS) = 312.5 lbs/ft

PANEL'S EI VALUE (POSITIVE PRESSURE) = 1,972,000 lbs-in²

PANEL'S EI VALUE (NEGATIVE PRESSURE) = 1,321,000 lbs-in²

MAXIMUM ALLOWABLE PANEL DEFLECTION = L/240

NOTE:
THIS WALL PANEL IS APPROVED FOR SPANS OF UP TO 5'-0" MAXIMUM ATTACHED TO 16 GA. (MIN.) SUPPORTS

APPROVED ALLOWABLES AND DESIGN NOTES

LONG SPAN III WALLS

MP04
AB-MD

Jeffrey C. Walsh
7/11/14

ENGINEER'S NAME:	NO.	REVISIONS	MADE	CHK'D	DATE	SCALE:	NONE	DATE
JEFFREY C. WALSH	1	REVISED WALL FASTENERS PER REVIEW	THG	JCW	7.11.14	DRAWN BY:	THG	10-16-13
ENGINEER'S STATE REGISTRATION NO.:						CHK'D BY:	JCW	10-16-13
41467								

LONG SPAN III WALL PANEL
BASIC ERECTION

EUFALA ALABAMA

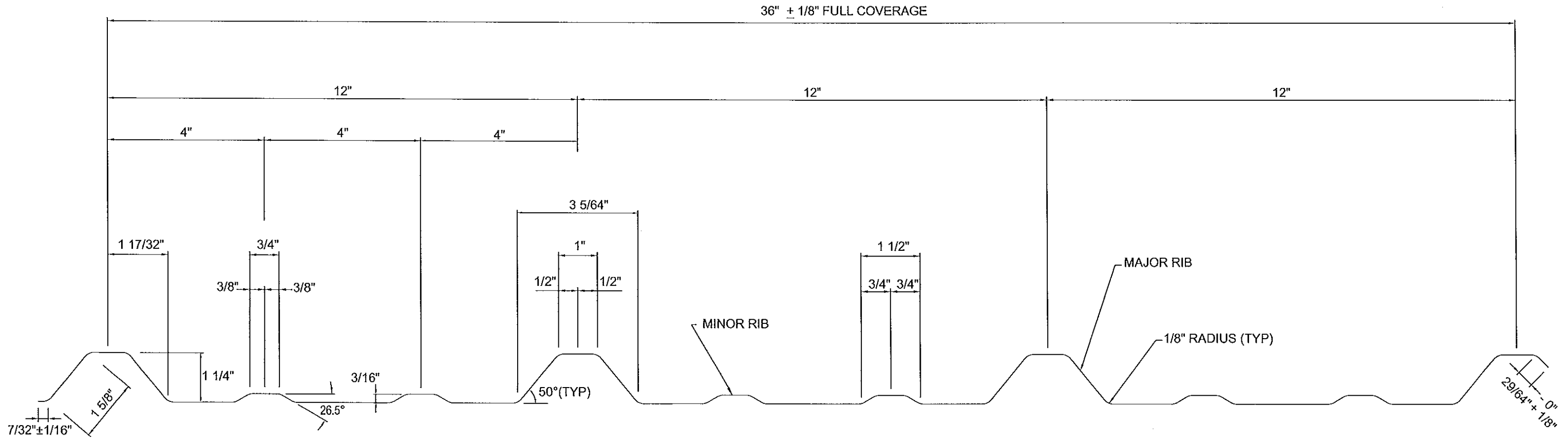
AMERICAN BUILDINGS

1 INCH OR COMPANY

DRAWING NUMBER MD-L3PWALL

PAGE 2 of 3

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 14-0220-06
Expiration Date 02/19/2019
By *[Signature]*
Miami Dade Product Control



LONG SPAN III PANEL
L3P

GENERAL NOTES

1. ALL DIMENSIONS ARE $\pm 1/32"$ (U.N.) EXCEPT TOLERANCE DIMENSIONS.
2. ALL ANGLES $\pm 2^\circ$ (U.N.)
3. COIL WIDTH = 42.75"
4. MATERIAL = 24 GA. (0.024" MIN. THICKNESS AND 101,696 PSI MIN. YIELD)

Handwritten signature: J.C. Walsh
7/11/14

ENGINEER'S NAME:		NO.	REVISIONS	MADE	CK'D	DATE	SCALE:	NONE	DATE
JEFFREY C. WALSH		1	REVISED MATERIAL REQUIREMENTS PER REVIEW	THG	JCW	7.11.14	DRAWN BY:	THG	10-16-13
ENGINEER'S STATE REGISTRATION NO.:							CHK'D BY:	JCW	10-16-13
41467									

LONG SPAN III WALL PANEL
CROSS SECTION

EUFULA		ALABAMA	
AMERICAN BUILDINGS		AMERICAN BUILDINGS	
DRAWING NUMBER	MD-L3PWALL	PAGE	3 of 3

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-0220-06
Expiration Date 02/19/2019
By *Handwritten signature*
Miami Data Product Control